

## ABSTRACT OF THE DISCLOSURE

5 In accordance with a handoff method, when a handoff  
of mobile terminal equipment from a previous foreign agent  
to a new foreign agent is detected, the mobile terminal  
equipment is doubly registered with either a home agent or  
a gateway foreign agent so that the mobile terminal  
equipment is associated with both the previous foreign  
agent and the new foreign agent. During the handoff,  
either the home agent or the gateway foreign agent  
10 determines whether or not an IP packet destined for the  
mobile terminal equipment is of real-time traffic, and then  
bicasts the IP packet to both the previous foreign agent  
and the new foreign agent if the IP packet is of real-time  
traffic, and buffers the IP packet otherwise. When the  
15 handoff is completed, the regional registration with either  
the home agent or the gateway foreign agent is updated so  
that the mobile terminal equipment is associated only with  
the new foreign agent. Either the home agent or the  
gateway foreign agent then transfers IP packets of non-  
20 real-time traffic buffered therein to the new foreign  
agent.

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